

ABSTRACT

A flexible metallic strip product comprises a ferritic chromium strip steel material (2) having a coating (3; 6; 8) of an electrically insulating layer of zirconia 5 stabilized with yttrium, said coating being intended to receive a second coating (7) comprising an electrically conducting layer. This coating has turned out to be very efficient as an electrically insulating layer in flexible solar cells and solid state thin film batteries because it has practically the same thermal expansion coefficient as the steel substrate.

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Publication picture: Figure 1